TABLE 1-continued

Exemplary Privileges.

Privileges	Type of Protection
	back using a most-recent-application algorithm upon application uninstall if the global value belongs to the application being uninstalled
applicationVirtualized	Changes to files or settings associated with this privilege are virtualized per application responsive to a write request from the application.
userVirtualized	Changes to files or settings associated with this privilege are virtualized per user responsive to a write request from the user.
applicationAndUserVirtualized	Changes to files or settings associated with this privilege are virtualized per user and per application responsive to a write request from the user executing the application program.
notProtected	Files or system settings associated with this privilege have no protection or mitigation associated therewith. Any third party application or administrator with the appropriate permissions may modify these files and settings.

[0099] In another example, a sample operating system component (e.g., "Comp Name") desires the following protection behavior for resources associated with the component.

TABLE 2

Example Directories and Desired Protection Behavior.

Directory Name	Protection behavior
C:\Comp Name\	Identity based access privileges
C:\Comp Name\Sub\	App Virtual
C:\Common Files\Shared\Comp Name\	Identity based access privileges (Fail Writes)

[0100]

TABLE 3

Example Files and Desired Protection Behavior.

Directory Name	File Name	Protection behavior
C:\	CompName.dll	Identity based access privileges
C:\Comp Name\	Sample.sys	Identity based access privileges
C:\Comp Name\Sub\	CompName.dat	App Virtual
C:\Common Files\Shared\Comp Name\	Common.dll	Identity based access privileges (Fail Writes)
C:\Common Files\Shared	Base.dll	App Virtual

[0101]

TABLE 4

Example Registry Keys and Desired Protection Behavior.

Key Name	Protection behavior
HKLM\Software\Comp Name\	Identity based access privileges
HKLM\Software\Comp Name\SubKey\	Identity based access privileges
HKLM\Software\Comp Name\Settings\	App Virtual
HKCR\.comp\	Identity based access privileges

[0102]

TABLE 5

Example Registry Values and Desired Protection Behavior.

Key Name	Value Name	Protection behavior
HKLM\Software\Comp Name\	Version	Identity based access privileges
HKLM\Software\Comp Name\SubKey\	SubValue	Identity based access privileges
HKCR\.comp\	(Default)	Identity based access privileges
HKEY_USERS\.Default\Environment\	MyEnv	Identity based access privileges

[0103] The order of execution or performance of the methods illustrated and described herein is not essential, unless otherwise specified. That is, elements of the methods may be performed in any order, unless otherwise specified, and that the methods may include more or less elements than those disclosed herein.

[0104] When introducing elements of the present invention or the embodiment(s) thereof, the articles "a,""an,